MDA-2880US1
Application No.:   To Be Assigned
Preliminary Amdt. Dated July 24, 2003

REPLACEMENT SHEET

27/57

CYCLIC INSERTION INTERVAL
BETWEEN I FRAMES
(EVERY 10 FRAMES)

CAPTURE (QCIF)
FILE (CIF)

ENCODER
(H.263)

ENCODING RESULT

(PTS,DTS)

TIME STAMP, CGD,
FRAME TYPE, SN

HEADER

FIG. 20(a)

MICROPHONE

RECORDING

ENCODER
(G.721)

ENCODING RESULT

(PTS,DTS)

TIME STAMP, CGD, SN

HEADER

FIG. 20(b)

MDA-2880US1
Application N .: T Be Assigned
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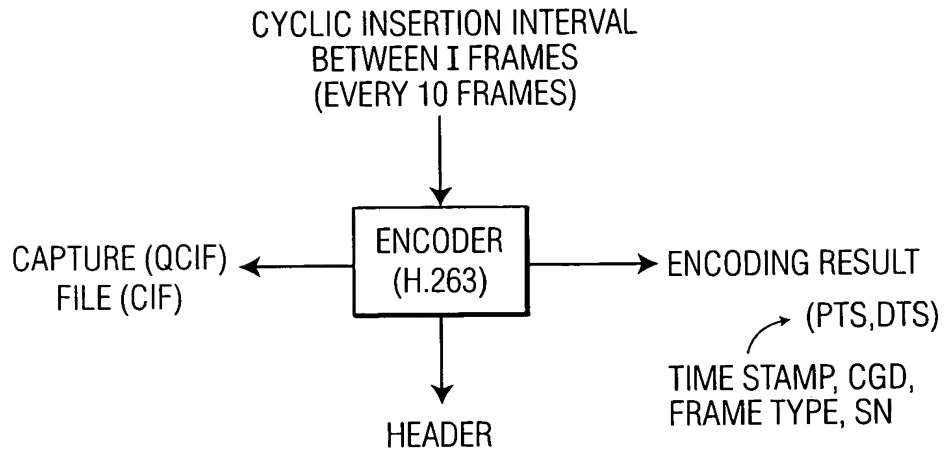
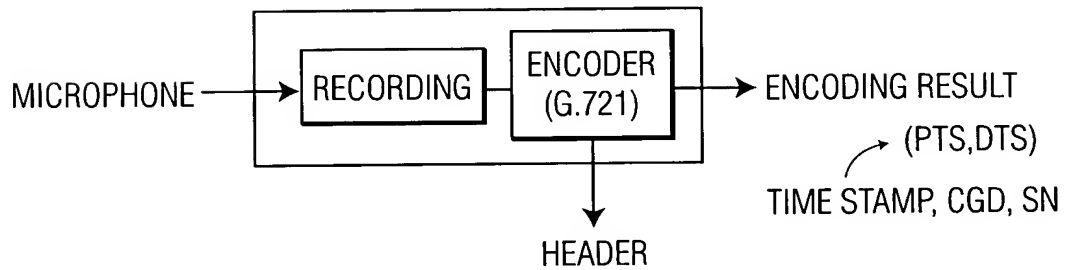**REPLACEMENT SHEET**

28/57

COMPARE DTS (PTS) WITH PRESENT REPRODUCING TIME.
WHEN DTS IS DELAYED, PERFORM SKIPPING.

DECODER
(H.263)

DISPLAY

COMPARE PTS WITH PRESENT
REPRODUCING TIME. WHEN PTS IS
FORWARDED, PERFORM SLEEPING.

DTS(PTS)

ADJUST INITIAL VALUE OF
REPRODUCTION START TIME.

DECODER
(G.721)

REPRODUCING

SAME REFERENCE TIME

UNLESS THERE IS PB FRAME,
DTS = PTS

FIG. 20(c)

MDA-2880US1
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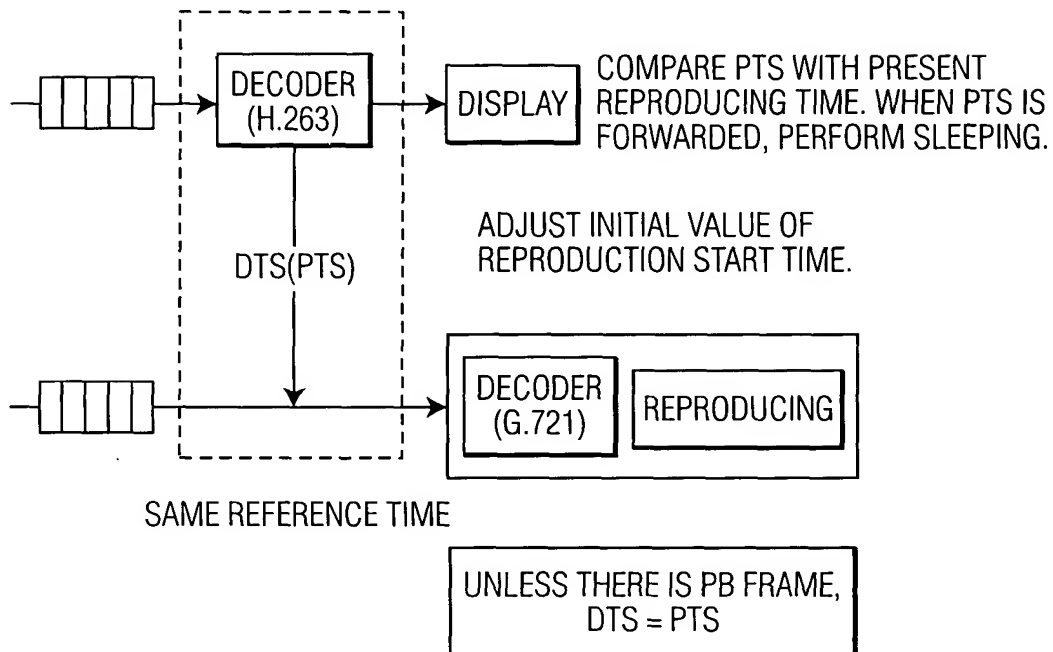**Preliminary Amdt. Dated July 24, 2003**

REPLACEMENT SHEET

30/57

PROCESSING AT RECEIVING TERMINAL UNDER OVERLOAD
(COMMON TO DYNAMIC PICTURE AND SOUND)
THREAD FOR PROCESSING SOUND AT SYSTEM LEVEL IS PREVIOUSLY SET IT'S
PROCESSING PRIORITY TO A VALUE HIGHER THAN THAT OF THREAD FOR
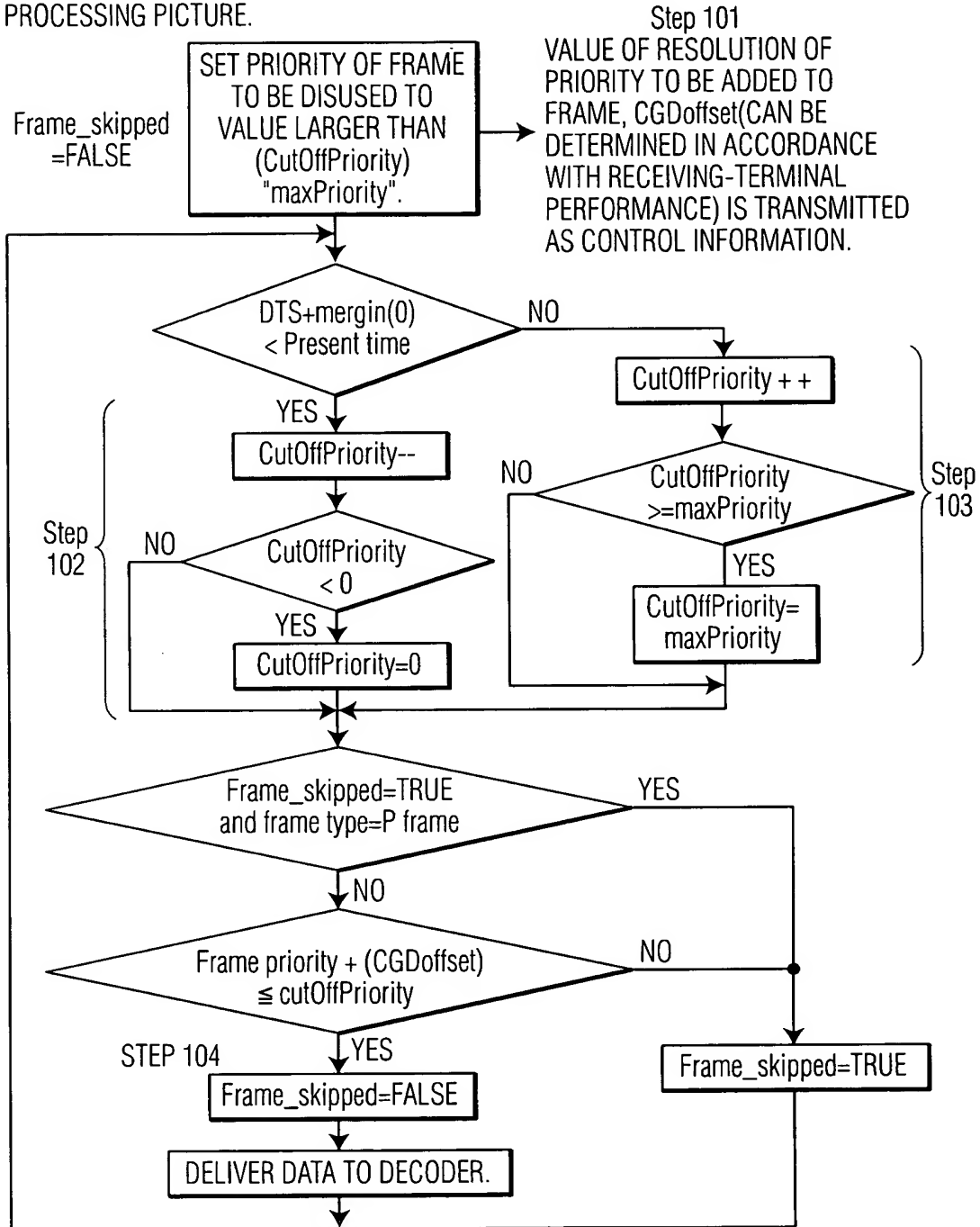PROCESSING PICTURE.

Step 101

Frame_skipped
=FALSE

SET PRIORITY OF FRAME
TO BE DISUSED TO
VALUE LARGER THAN
(CutOffPriority)
"maxPriority".

VALUE OF RESOLUTION OF
PRIORITY TO BE ADDED TO
FRAME, CGDoffset(CAN BE
DETERMINED IN ACCORDANCE
WITH RECEIVING-TERMINAL
PERFORMANCE) IS TRANSMITTED
AS CONTROL INFORMATION.

DTS+mergin(0)
< Present time

NO

YES

CutOffPriority++

CutOffPriority--

NO

CutOffPriority
>=maxPriority

Step
103

Step
102

NO

CutOffPriority
< 0

YES

CutOffPriority=
maxPriority

YES

CutOffPriority=0

Frame_skipped=TRUE
and frame type=P frame

YES

NO

Frame priority + (CGDoffset)
≤ cutOffPriority

NO

STEP 104

YES

Frame_skipped=FALSE

Frame_skipped=TRUE

DELIVER DATA TO DECODER.

FIG. 22